

**AMENDMENTS TO THE SPECIFICATION****IN THE SPECIFICATION:****Page 5**

Please amend the Specification on page 5 beginning at line 9 as follows:

In Fig. 5B, the ONUs 120f and 120g are not provided with identification information. The physical layer terminating unit 101 of the OLT 100, cyclically or according to an instruction based on an operator operation from the OpS 140, enables the ONUs 120f and 120g to send uplink messages that notify the unit numbers of the ONUs. In each of the ONUs 120f and 120g that has been enabled by the OLT 100 to perform sending, a physical layer terminating unit 201 sends the unit number (S/N=00000501 or ~~S/N=00080002~~) S/N=00800002) provided at the time of manufacture and stored in the unit number storing unit 124. In the OLT 100, upon receiving the uplink message containing the unit number (S/N=00000501 or S/N=00080002) of the ONU 120f or 120g, the monitoring/controlling unit 104 inputs the unit number into the database 103.

Please amend the Specification on page 5 beginning at line 24 as follows:

In Fig. 5C, the monitoring/controlling unit 104 of the OLT assigns the identification information "01" and "02" to the unit numbers (S/N=00000501 and ~~S/N=00080002~~) S/N=00800002) of the ONUs 120f and 120g that were input into the database 103. Thus, "ONU\_01: S/N=00000501" and "ONU\_01: S/N=00800002" are stored in the database 103. The monitoring/controlling unit 104 then sets the unit numbers, read from the database 103, in the physical layer terminating unit 101. Thereafter, the same identification information providing

procedure as that of Fig. 4C is performed, and the identification information ONU\_01 is provided to the ONU 120f, and the identification information ONU\_02 is provided to the ONU 120g.

Page 12

Please amend the Specification on page 12 beginning at line 22 as follows:

In ~~procedure 8~~ procedure T8, the OLT 600 extracts the password from the received Password message and searches the database 603 using the password as a search key.